

STATEMENT OF WORK FOR THE  
REBUILD OF  
SIXCON FUEL PUMP MODULE  
4930-01-240-4579

1.0 **SCOPE**. This Statement of Work (SOW), along with TM 09003A/09002A-15&P/1 and Marine Corps (MC) engineering drawing 91013A0000 CAGE 01365 establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor. For purposes of this SOW, contractor is defined as the commercial or government entity performing the REBUILD effort of the SIXCON Fuel Pump Module. These documents contain requirements to restore the SIXCON Fuel Pump Module to Condition Code "A." Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than six months shelf-life remaining."

1.1 **Background**. REBUILD is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items."

2.0 **APPLICABLE DOCUMENTS**. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 **Military Specifications**

MIL-P-16789D	Pumps (including Prime Movers and Support Items); Packaging of
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2.2 **Military Standards**

MIL-STD-129	DOD Standard Practice for Military Marking
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MIL-STD-130	DOD Identification Marking of U.S. Military Property
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2.3 **Other Government Documents and Publications**

TM 09003A/ 09002A-15&P/1	Operation and Maintenance Instructions With Repair Parts List and Components List for SIXCON Fuel Pump Module and SIXCON Fuel Tank Module
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Engineering Drawing (MC)  
91013A0000, CAGE 01365

SIXCON Fuel Pump Module Drawings

TM-4750-15/2

Painting and Registration Marking for Marine  
Corps Combat and Tactical Equipment

Military Handbooks (For Guidance)

MIL-HDBK-61

Configuration Management Guidance

2.4 Industry Standards

ANSI/ISO/ASQC Q9002-1994

Quality Systems-Model for Quality Assurance  
Production, Installation, and Servicing

Industry Standards (For Guidance)

ANSI/EIA-649

National Consensus Standard for Configuration  
Management

Copies of Military Specifications and Standards are available from the DOD Single Stock Point, Defense Automation Production Service Philadelphia, Buliding 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracts Department (Code 891), P. O. Drawer 43019, 814 Radford Blvd., MCLB, Albany, GA 31704-3019 commercial telephone number 912/439-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: (Code 583-1), 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, commercial telephone number 912/439-6410 or DSN 567-6410.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, and test and calibrate the SIXCON Fuel Pump Module. Upon completion of REBUILD, the subject item shall be Condition Code "A".

3.2 Detail Tasks. The following tasks describe the different phases for REBUILD of the SIXCON Fuel Pump Module.

a. Data plate. Each repaired SIXCON Fuel Pump Module shall have a REBUILD data plate affixed to the upper front frame cross member, located by manufacture's data plate. The data plate shall meet the requirements of MIL-STD-130 and TM-4750-15/2.

b. Hardware

(1) Replace broken, unserviceable and/or missing hardware to include mechanical assemblies, nuts, bolts, screws, washers, turn lock fasteners, mandatory replacement items, safety, and one-time use items, in accordance with the TM 09003A/09002A-15&P/1 and Engineering Drawing 91013A0000 CAGE 01365. Unserviceable is defined as any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

3.2.3 Inspection, Testing and Acceptance

a. Inspection, Testing and Acceptance of the SIXCON Fuel Pump Module shall be conducted in accordance with TM 09003A/09002A-15&P/1 and Engineering Drawing 91013A0000 CAGE 01365.

b. The contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are notified prior to completion of final acceptance. Acceptance tests shall be held at Marine Corps System Command (MCSC) (Code CSLE), Albany, Georgia.

c. The contractor shall be responsible for correcting any deficiencies identified during inspection/testing. The Logistics Management Specialist, MCSC (Code CSLE), Albany, Georgia and/or their representatives may require the contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all SIXCON Fuel Pump Modules repaired under the provisions of this SOW shall be accomplished in accordance with TM 09003A/09002A-15&P/1, and Engineering Drawing 91013A0000 (CAGE 01365).

3.2.4 Packaging, Handling, Storage and Transportation (PHS&T).

a. The contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long term storage or shipment to overseas destinations shall be in accordance with level "A" requirements of MIL-P-16789D. Items being prepared for domestic shipment for immediate use or short term-storage shall be to level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment of the equipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control. The contractor shall apply configuration control procedures to establish configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without receiving prior written authorization from MCSC (Code CSLE), Albany, Georgia. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request for Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

3.4 Quality Assurance Provisions. The contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing, for supplies and services. The program shall ensure quality throughout all areas to include fabrication, processing, assembly, inspection, testing, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the contractor shall be responsible for performance of all inspection requirements. The government, MCSC (Code CSLE), Albany, Georgia, reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

3.5 Acceptance. The performance of the contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and MCSC (Code CSLE), Albany, Georgia representatives shall be permitted to observe the work or to conduct an inspection. Final inspection and acceptance testing shall be conducted at the contractor's facility. Final acceptance shall be conducted on one hundred percent of items to verify that the units meet all requirements.

3.6 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC (Code CSLE), Albany, Georgia representative. The contractor shall, at no additional cost to MCSC (Code CSLE), Albany, Georgia, correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

**CONTRACT DATA REQUIREMENTS LIST**

(1 Data Item)

Form Approved  
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TDP _____ TM _____ Other <u>XXX</u>				
D. SYSTEM/ITEM <b>Sixcon Fuel Pump</b>		E. CONTRACT/PR No.		F. CONTRACTOR				
1. DATA ITEM No.	2. TITLE OF DATA ITEM <b>Request for Deviation</b>			3. SUBTITLE <b>Configuration Management</b>				
4. AUTHORITY (Data Acquisition Document No.) <b>DI-CMAN-80640C</b>		5. CONTRACT REFERENCE <b>SOW 3.3</b>		6. REQUIRING OFFICE <b>MCLBA (583)</b>				
7. DD 250 REQ. <b>LT</b>	9. DIST STATEMENT REQUIRED <b>A</b>	10. FREQUENCY <b>ASREQ</b>	12. DATE OF FIRST SUBMISSION <b>See Block 16</b>	14. DISTRIBUTION				
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES			
					Draft	FINAL Reg Repro		
16. REMARKS				MCLBA(583-1)	0	1	0	
<p>Blk 4 - Contractor format is authorized and shall be submitted in .doc or .pdf format.</p> <p>Blks 10 &amp; 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material, which does not meet prescribed configuration documents.</p> <p>RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.</p> <p>RFDs shall be submitted via e-mail to the following address: <a href="mailto:mbmatcomconfigmgmnt@matcom.usmc.mil">mbmatcomconfigmgmnt@matcom.usmc.mil</a>.</p> <p>Distribution Statement A: Approved for public release, distribution is unlimited.</p>								
				G. PREPARED BY: <i>Nicole L. Bradley</i>				H. DATE: <b>AUG 27 2001</b>

17. PRICE GROUP

18. ESTIMATED  
TOTAL PRICE